

VULCANIZATION OF DIP-MOLDED RUBBER ARTICLES WITH MOLTEN MEDIA BATHS

ABSTRACT OF THE DISCLOSURE

Pore-free rubber articles are prepared by dip-molding in a dipping medium that
5 includes a vulcanizing agent, then by immersing the dip former in a heated liquid bath that is
chemically inert. A particularly effective liquid bath is molten inorganic salt. In addition, the
tensile properties of an article of vulcanized rubber can be improved to an unusually effective
degree by immersing the already vulcanized article in a solution of a vulcanizing agent to
cause the rubber of the article to absorb or imbibe the vulcanizing agent from the solution,
10 and then immersing the rubber and the imbibed vulcanizing agent in a heated liquid bath to
increase the degree of vulcanization.

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